

**CX – 32**

## CURRICULUM VITAE

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### Education:

Bachelor of Science, Cum Laude, in Maritime Systems Engineering, 1984, Texas A&M University, College Station, Texas.

### Experience:

2013-present Environmental Scientist, U. S. Environmental Protection Agency, Seattle, Washington. Primary duty is as regional technical lead for geographic jurisdiction, which includes conducting determinations of waters of the United States; testifying as an expert witness on jurisdiction; serving on a national EPA workgroup to address agency policy on jurisdiction, including the development of an updated definition of waters of the United States (i.e., the "Clean Water Rule"); and serving on an interagency team working to clarify interpretation of the jurisdictional limit "high tide line." Also a member of Bristol Bay Watershed Assessment team, with duties that included co-authoring the cumulative impacts and compensatory mitigation sections of the assessment; and authoring the fish impacts section of the proposed determination issued under Clean Water Act Section 404(c).

1990-2013 Environmental Scientist, U. S. Environmental Protection Agency, Anchorage, Alaska. Primary duty from 2008-2013 was as regional technical lead for geographic jurisdiction, as described above. Additional and previous duties: Responsible for managing EPA's aquatic resources protection efforts in various parts of Alaska, primarily the Municipality of Anchorage; identifying and delineating wetlands; evaluating environmental impacts to waters of the United States from projects proposed under Section 404 of the Clean Water Act; evaluating proposals for compensatory mitigation for proposed projects; investigating and resolving activities conducted without authorization. Served on two details to Headquarters to assist with development of guidance and rulemaking on jurisdiction. Served on two details to the Corps of Engineers, with duties that included identifying and delineating waters of the United States. Member of Bristol Bay Watershed Assessment team,

with duties that included consulting on jurisdiction; editing most of the assessment's resource characterization reports; and co-authoring the cumulative impacts and compensatory mitigation sections of the assessment.

- 1986-1990     Engineer, U. S. Army Corps of Engineers, Galveston, Texas. Responsible for evaluating impacts and administering the application review process for Clean Water Act Section 404 and Rivers and Harbors Act Section 10 permit applications in wetlands and other waters in southeast Texas and southwest Louisiana.
- 1985-1986     Engineer, U. S. Army Corps of Engineers, Galveston, Texas. One-year engineer training program. On-the-job training in approximately ten organizational elements of Galveston District Corps of Engineers, including Engineering, Surveying, Construction, Operations, Maintenance, and Regulatory. Program concluded with opportunity to select program for employment.

#### Additional Training:

Best Management Practices-November 1997  
Biotechnical Erosion Control for Slopes and Streambanks-November 1997  
Clean Water Act Section 404 Inspector-March 2006  
Clean Water Act Section 402 Inspection-August 2010  
Erosion and Sediment Control Practices for Construction Activities at Water Crossings-November 1997  
Habitat Evaluation Procedures-April 1991  
Reviewing NEPA Documents-May 1993  
Wetland Delineation-March 1992, July 1995  
Wetlands Development and Restoration-June 1989  
Wetlands Evaluation Procedures-August 1995

#### Awards:

EPA Gold Medal for work on the Clean Water Rule-2016  
EPA Gold Medal for work on the Bristol Bay Watershed Assessment Team-2015  
Edward T. "Red" Heinen National EPA Wetlands Award-2013  
Department of the Army Commander's Award for Public Service-2009  
EPA Peer Award for work on Jurisdiction-2010  
Coastal America Partnership Award-2007  
Numerous EPA Special Act Awards